

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 139  | ignit\$4 near frequency and operat\$3 near frequency and induct\$4 and capacit\$3 and (lamp or load or light)               | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR               | ON      | 2008/11/30 12:36 |
| S2    | 56   | S1 and ratio  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR               | ON      | 2008/11/30 12:36 |
| S3    | 18   | "5138235"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR               | ON      | 2008/11/30 12:45 |
| S4    | 687  | (start\$3 or ignit\$4) near frequency and operat\$3 near frequency and induct\$4 and capacit\$3 and (lamp or load or light) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR               | ON      | 2008/11/30 13:33 |
| S5    | 43   | (start\$3 or ignit\$4) near frequency with ( greater or higher or over or above) near4 operat\$3 near frequency             | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR               | ON      | 2008/11/30 13:37 |
| S6    | 15   | S4 and S5   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR               | ON      | 2008/11/30 13:37 |
| S7    | 710  | 315/209t.ccls.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR               | ON      | 2008/11/30 14:02 |
| S8    | 620  | 315/209cd.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR               | ON      | 2008/11/30 14:02 |
| S9    | 327  | 315/209m.ccls.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR               | ON      | 2008/11/30 14:02 |

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| S10 | 2440  | 315/224.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/11/30<br>14:02 |
| S11 | 653   | 315/226.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/11/30<br>14:02 |
| S12 | 4044  | 315/291.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/11/30<br>14:02 |
| S13 | 2674  | 315/307.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/11/30<br>14:02 |
| S14 | 91588 | "315"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/11/30<br>14:03 |
| S15 | 273   | S4 and S14   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/11/30<br>14:03 |
| S16 | 11    | ignit\$4 near frequency and<br>operat\$3 near frequency<br>and induct\$4 and capacit\$3<br>and (lamp or load or light)<br>and ignit\$4 near frequency<br>near10 (greater or higher )<br>near10 (normal or operat\$3)<br>near frequency | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/01<br>13:53 |
| S17 | 14    | ignit\$4 near frequency and<br>operat\$3 near frequency<br>and (lamp or load or light)<br>and ignit\$4 near frequency<br>near10 (greater or higher )<br>near10 (normal or operat\$3)<br>near frequency                                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/01<br>13:55 |
| S18 | 13    | S17 and oscillat\$3  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/01<br>15:48 |

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| S19 | 687    | ( start\$3 or ignit\$4) near frequency and operat\$3 near frequency and induct\$4 and capacit\$3 and (lamp or load or light)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/01 22:00 |
| S20 | 112    | ( start\$3 or ignit\$4) near frequency with operat\$3 near frequency and induct\$4 and capacit\$3 and (lamp or load or light) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/01 22:00 |
| S21 | 526404 | ( greater or higher or over or above) near10 frequency  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/01 22:01 |
| S22 | 104    | S20 and S21   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/01 22:01 |
| S23 | 60     | S22 and @pd<= "20040123"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/01 22:01 |
| S24 | 3      | oscillat\$3 with lamp near voltage and S23  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/01 22:03 |
| S25 | 25     | oscillat\$3 and lamp near voltage and S23   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/01 22:04 |
| S26 | 11     | (start\$3 or ignit\$4) near frequency with ( greater or higher or over or above) near4 operat\$3 near frequency and S23       | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/01 22:12 |
| S27 | 2      | ( ignit\$4) near frequency with ( greater or higher or over or above) near4 operat\$3 near frequency and S23                  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/01 22:14 |
| S28 | 4      | ( ignit\$4) near frequency with ( greater or higher or over or above) near4 operat\$3 near frequency and S19                  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/01 22:15 |

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| S29 | 7   | ( ignit\$4) near frequency with ( greater or higher or over or above) near4 operat\$3 near frequency                          | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/01 22:15 |
| S30 | 19  | ( ignit\$4) near frequency with ( greater or higher or over or above) with operat\$3 near frequency                           | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/01 22:17 |
| S31 | 92  | ( ignit\$4) near frequency with operat\$3 near frequency  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/01 22:18 |
| S32 | 44  | S31 and S19   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/01 22:18 |
| S33 | 24  | S32 and @pd<= "20040123"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/01 22:18 |
| S34 | 6   | S33 and ratio   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/01 22:22 |
| S35 | 112 | ( start\$3 or ignit\$4) near frequency with operat\$3 near frequency and induct\$4 and capacit\$3 and (lamp or load or light) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/01 22:26 |
| S36 | 104 | S21 and S35   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/01 22:26 |
| S37 | 60  | S36 and @pd<= "20040123"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/01 22:28 |
| S38 | 45  | S37 and oscillat\$3   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/01 22:48 |

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| S39 | 18    | "5138235"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>08:11 |
| S40 | 4     | S39 and ratio  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>08:13 |
| S41 | 22862 | (first or start\$3 or ignit\$3)<br>near2 frequency same<br>(normal or operating or low)<br>near4 frequency                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>09:24 |
| S42 | 1716  | ((first or start\$3 or ignit\$3)<br>near2 frequency same<br>(normal or operating or low)<br>near4 frequency) same<br>(ratio) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>09:24 |
| S43 | 1306  | S42 and @pd<= "20040123"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>09:25 |

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